

STN SEARCH 7/19/06

=> s probucol

L7 4 PROBUCOL

=> d 17 1-4

L7 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN

RN 216168-45-5 REGISTRY

ED Entered STN: 29 Dec 1998

CN Butanedioic acid, (1-methylethylidene)bis[thio[2,6-bis(1,1-dimethylethyl)-4,1-phenylene]] ester (9CI) (CA INDEX NAME)

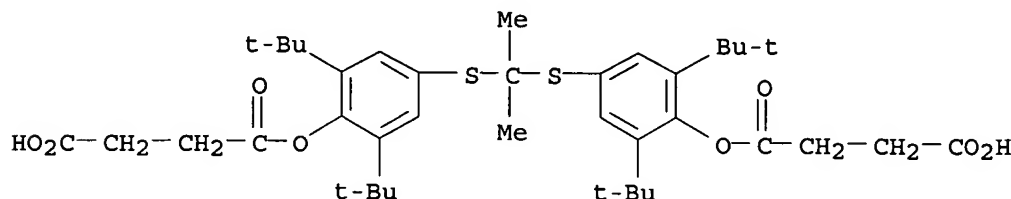
OTHER NAMES:

CN Probucol disuccinate

MF C39 H56 O8 S2

SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)

7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN

RN 216167-82-7 REGISTRY

ED Entered STN: 29 Dec 1998

CN Butanedioic acid, mono[4-[[1-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]thio]-1-methylethyl]thio]-2,6-bis(1,1-dimethylethyl)phenyl] ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN AGI 1067

CN Probucol monosuccinate

CN Succinobucol

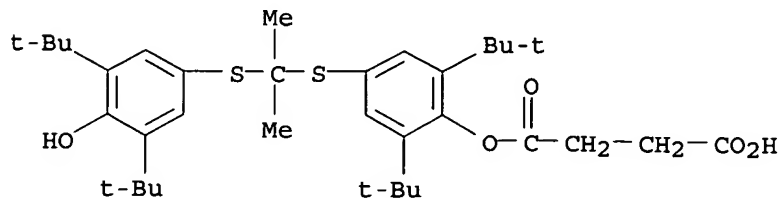
FS 3D CONCORD

MF C35 H52 O5 S2

CI COM

SR CA

LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, CASREACT, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, PROUSDDR, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

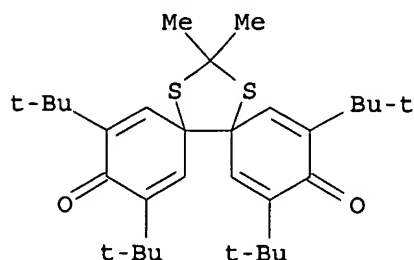
32 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
32 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 81075-13-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 13,15-Dithiadispiro[5.0.5.3]pentadeca-1,4,8,11-tetraene-3,10-dione,  
2,4,9,11-tetrakis(1,1-dimethylethyl)-14,14-dimethyl- (9CI) (CA INDEX  
NAME)

OTHER NAMES:

CN Probucol spiroquinone  
FS 3D CONCORD  
MF C31 H46 O2 S2  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 23288-49-5 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Phenol, 4,4'-[(1-methylethylidene)bis(thio)]bis[2,6-bis(1,1-dimethylethyl)-  
(9CI) (CA INDEX NAME)

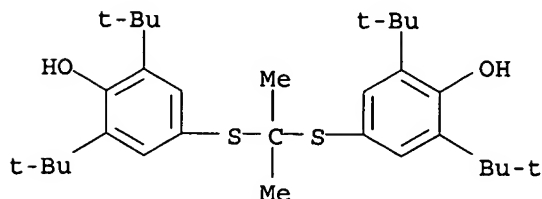
OTHER CA INDEX NAMES:

CN Acetone, bis(3,5-di-tert-butyl-4-hydroxyphenyl) mercaptole (8CI)  
CN Phenol, 4,4'-(isopropylidenedithio)bis[2,6-di-tert-butyl- (8CI)

OTHER NAMES:

CN 4,4'-(Isopropylidenedithio)bis[2,6-di-tert-butylphenol]  
CN Biphenabid  
CN Bisbid  
CN Bisphenabid  
CN DH 581  
CN Lipomal  
CN Lorelco  
CN Lurselle  
CN NSC 652160  
CN NSC 86225  
CN Panavir  
CN Phenbutol  
CN Probucol  
CN Sinlestal  
FS 3D CONCORD  
MF C31 H48 O2 S2  
CI COM  
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS,  
BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN,  
CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSDRUGNEWS,  
IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, PROUSDDR, PS,  
RTECS\*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, WHO  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1189 REFERENCES IN FILE CA (1907 TO DATE)  
27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1193 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.00	28.95

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FILE LAST UPDATED: 18 Jul 2006 (20060718/ED)

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<http://www.cas.org/infopolicy.html>

=> s 23288-49-5

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

=> s 23288-49-5/bi  
L10 1193 23288-49-5/BI

=> s 19 and acetone  
168502 ACETONE  
L11 29 L9 AND ACETONE

=> s 19 and ammonium  
368975 AMMONIUM  
L12 19 L9 AND AMMONIUM

=> d 1-19

L12 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2006:29433 CAPLUS  
DN 144:135217  
TI Pharmaceutical compositions containing bezafibrate and analogs and  
diflunisal and its analog for the treatment of metabolic disorders  
IN Lee, Margaret S.; Zimmerman, Grant R.; Finelli, Alyce Lynn; Grau, Daniel;  
Keith, Curtis; Nichols, M. James  
PA Combinatorx, Incorporated, USA  
SO PCT Int. Appl., 117 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006004803	A1	20060112	WO 2005-US23030	20050629
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 2006069161	A1	20060330	US 2005-171566	20050630
PRAI	US 2004-584380P	P	20040630		
	US 2005-649329P	P	20050202		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:1238494 CAPLUS  
DN 143:472530  
TI real time methylumbelliferone-based assay for determination of enzyme activity  
IN Brown, Eric; Blanchard, Jan; Mahuran, Don; Tropak, Michael  
PA The Hospital for Sick Children, Can.; McMaster University  
SO Can. Pat. Appl., 67 pp.  
CODEN: CPXXEB  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2507348	AA	20051113	CA 2005-2507348	20050513
	US 2006008862	A1	20060112	US 2005-129274	20050513

PRAI US 2004-570458P P 20040513

L12 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:979630 CAPLUS  
DN 143:286456  
TI Preparation of benzothiazepine and benzothiepine compounds for prevention  
and treatment of hyperlipemia  
IN Sasahara, Takehiko; Mohri, Mitsunobu; Kasahara, Kenichi  
PA Asahi Kasei Pharma Corporation, Japan  
SO PCT Int. Appl., 551 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005082874	A1	20050909	WO 2005-JP3686	20050225
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				
	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,				
	SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				
	EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,				
	RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,				
	MR, NE, SN, TD, TG				

PRAI JP 2004-128992 A 20040227

OS MARPAT 143:286456

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:523236 CAPLUS  
DN 143:48119  
TI Reverse micelle formulations comprising one or more surfactant, a  
hydrophilic phase and lipophilic or hydrophobic compounds  
IN Liang, Likan  
PA Shire Laboratories, Inc., USA  
SO PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005053612	A2	20050616	WO 2004-US39567	20041124
	WO 2005053612	A3	20050915		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				
	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				
	TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				
	EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,				
	SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,				
	NE, SN, TD, TG				
	CA 2537029	AA	20050616	CA 2004-2537029	20041124
	US 2005191343	A1	20050901	US 2004-995942	20041124
PRAI	US 2003-525572P	P	20031126		
	US 2004-541389P	P	20040202		

US 2004-566157P P 20040428  
WO 2004-US39567 W 20041124

L12 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:857613 CAPLUS  
DN 141:332411  
TI Preparation of glucopyranoside compounds having fused heterocycle as SGLT inhibitors  
IN Fushimi, Nobuhiko; Yonekubo, Shigeru; Muranaka, Hideyuki; Shiohara, Hiroaki; Teranishi, Hirotaka; Shimizu, Kazuo; Ito, Fumiaki; Isaji, Masayuki  
PA Kissei Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 179 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087727	A1	20041014	WO 2004-JP4009	20040324
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2004300102	A2	20041028	JP 2003-97152	20030331
CA 2520436	AA	20041014	CA 2004-2520436	20040324
EP 1609798	A1	20051228	EP 2004-722965	20040324
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
CN 1784415	A	20060607	CN 2004-80012295	20040324
PRAI JP 2003-97152	A	20030331		
WO 2004-JP4009	W	20040324		
OS MARPAT 141:332411				
RE.CNT 9	THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L12 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:737738 CAPLUS  
DN 139:261313  
TI Quinazolinone amide compounds as modulators of nuclear receptors, particularly farnesoid X receptor (FXR) and/or orphan nuclear receptors, and their preparation, pharmaceutical compositions, and methods of use  
IN Martin, Richard; Kahl, Jeffery Dean; Flatt, Brenton Todd; Griffith, Ronald  
PA X-Cepto Therapeutics, Inc., USA  
SO PCT Int. Appl., 204 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003076418	A1	20030918	WO 2003-US6793	20030304
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 AU 2003228283 A1 20030922 AU 2003-228283 20030304  
 EP 1521746 A1 20050413 EP 2003-726031 20030304  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 PRAI US 2002-363132P P 20020307  
 WO 2003-US6793 W 20030304  
 OS MARPAT 139:261313  
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2002:676030 CAPLUS  
 DN 137:201524  
 TI Preparation of glucopyranosyloxypyrazole derivatives as inhibitors of  
 human SGLT2 (sodium-dependent glucose-transporter 2) and medicinal use  
 thereof  
 IN Fushimi, Nobuhiko; Fujikura, Hideki; Nishimura, Toshihiro; Katsuno, Kenji;  
 Isaji, Masayuki  
 PA Kissei Pharmaceutical Co., Ltd., Japan  
 SO PCT Int. Appl., 76 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002068440	A1	20020906	WO 2002-JP1708	20020226
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2438595	AA	20020906	CA 2002-2438595	20020226
EP 1364958	A1	20031126	EP 2002-703898	20020226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004116357	A1	20040617	US 2004-469140	20040112
PRAI JP 2001-53085	A	20010227		
WO 2002-JP1708	W	20020226		
OS MARPAT 137:201524				
RE.CNT 21	THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L12 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2002:669695 CAPLUS  
 DN 137:201328  
 TI Preparation of pyrazolopyrimidinylethoxyphenylpropionates and related  
 compounds as antiobesity and hypocholesterolemic agents  
 IN Das, Saibal Kumar; Purma, Papi Reddy; Akella, Venkateswarlu; Ramanujam,  
 Rajagopalan; Chakrabarti, Ranjan; Lohray, Vidya Bhushan; Lohray, Braj  
 Bhushan; Paraselli, Rao Bheema  
 PA Reddy's Research Foundation, India; Reddy Cheminor, Inc.  
 SO U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 179,002.  
 CODEN: USXXAM  
 DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6444816	B1	20020903	US 2000-507373	20000218
PRAI	IN 1997-MA2420	A	19971027		
	US 1998-82825P	P	19980423		
	US 1998-179002	A2	19981026		

OS MARPAT 137:201328

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:655084 CAPLUS

DN 137:201319

TI Preparation of  $\beta$ -aryl- $\alpha$ -oxy substituted alkylcarboxylic acids  
as hypolipidemic, antihyperglycemic, antiobesity, and hypocholesterolemic  
agents

IN Lohray, Braj Bhushan; Lohray, Vidya Bhushan; Bajji, Ashok Channaveerappa;  
Kalchar, Shivaramayya; Paraselli, Rao Bheema; Gurram, Ranga Madhavan;  
Ramanujam, Rajagopalan; Chakrabarti, Ranjan

PA Reddy's Research Foundation, India; Reddy-Cheminor, Inc.

SO U.S., 43 pp., Cont.-in-part of U.S. 6,054,453.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6440961	B1	20020827	US 1999-257104	19990224
	US 6054453	A	20000425	US 1998-12585	19980123
	GB 2380997	A1	20030423	GB 2002-30280	19980123
	GB 2380997	B2	20030702		
	CA 2365793	AA	20000831	CA 1999-2365793	19990416
	WO 2000050414	A1	20000831	WO 1999-IB683	19990416
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9929537	A1	20000914	AU 1999-29537	19990416
	NZ 513689	A	20010928	NZ 1999-513689	19990416
	EP 1155006	A1	20011121	EP 1999-910638	19990416
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	TR 200103218	T2	20020321	TR 2001-200103218	19990416
	BR 9917155	A	20020423	BR 1999-17155	19990416
	JP 2002537390	T2	20021105	JP 2000-600997	19990416
	EE 200100446	A	20021216	EE 2001-446	19990416
	US 6548666	B1	20030415	US 2001-853176	20010510
	US 6608194	B1	20030819	US 2001-853177	20010510
	HR 2001000612	A1	20021231	HR 2001-612	20010822
	NO 2001004102	A	20011024	NO 2001-4102	20010823
	ZA 2001006994	A	20031125	ZA 2001-6994	20010823
	BG 105925	A	20020628	BG 2001-105925	20010920
PRAI	IN 1997-MA2416	A	19971027		
	US 1998-12585	A2	19980123		
	GB 2000-10176	A	19980123		
	US 1999-257104	A	19990224		
	WO 1999-IB683	W	19990416		
OS	MARPAT 137:201319				



RE.CNT 19      THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:863541 CAPLUS  
DN 135:371524  
TI Process for preparing water-soluble probucol acyl esters for use as food  
antioxidants  
IN Jass, Paul Alan  
PA Salsbury Chemicals, Inc., USA  
SO U.S., 5 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6323359	B1	20011127	US 2000-562657	20000502
PRAI	US 2000-562657		20000502		
OS	CASREACT 135:371524; MARPAT 135:371524				

RE.CNT 4      THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:300514 CAPLUS  
DN 134:331617  
TI Oil-in-water emulsion compositions for polyfunctional active ingredients  
IN Chen, Feng-jing; Patel, Mahesh V.  
PA Lipocine, Inc., USA  
SO PCT Int. Appl., 82 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001028555	A1	20010426	WO 2000-US28835	20001018
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002107265	A1	20020808	US 1999-420159	19991018
	US 6720001	B2	20040413		
PRAI	US 1999-420159	A	19991018		

RE.CNT 6      THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:31308 CAPLUS  
DN 134:91147  
TI A method for the improvement of transport across adaptable semi-permeable  
barriers  
IN Cevc, Gregor  
PA Idea Innovative Dermale Applikationen G.m.b.H., Germany  
SO PCT Int. Appl., 94 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001001962	A1	20010111	WO 1999-EP4659	19990705
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9954096	A1	20010122	AU 1999-54096	19990705
	CA 2375157	AA	20010111	CA 2000-2375157	20000705
	WO 2001001963	A1	20010111	WO 2000-EP6367	20000705
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1189598	A1	20020327	EP 2000-947939	20000705
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2003503442	T2	20030128	JP 2001-507458	20000705
	EE 200200008	A	20030415	EE 2002-8	20000705
	AU 779765	B2	20050210	AU 2000-61557	20000705
	RU 2260445	C2	20050920	RU 2002-101651	20000705
	HR 2001000881	A1	20030831	HR 2001-881	20011127
	NO 2002000032	A	20020305	NO 2002-32	20020104
	US 2003099694	A1	20030529	US 2002-37480	20020104
	US 2005123897	A1	20050609	US 2004-984450	20041108
PRAI	WO 1999-EP4659	A	19990705		
	WO 2000-EP6367	W	20000705		
	US 2002-37480	A1	20020104		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:725436 CAPLUS  
DN 133:301171  
TI Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents  
IN Chen, Feng-jing; Patel, Manesh V.  
PA Lipocine, Inc., USA  
SO PCT Int. Appl., 99 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059475	A1	20001012	WO 2000-US7342	20000316
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

US 6383471 B1 20020507 US 1999-287043 19990406  
 CA 2366702 AA 20001012 CA 2000-2366702 20000316  
 EP 1165048 A1 20020102 EP 2000-916547 20000316

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO

PRAI US 1999-287043 A 19990406  
 WO 2000-US7342 W 20000316

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:608551 CAPLUS

DN 133:213151

TI Pharmaceutical compositions and methods for improved delivery of  
 hydrophobic therapeutic agents

IN Patel, Manesh V.; Chen, Feng-Jing

PA Lipocine, Inc., USA

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 13

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050007	A1	20000831	WO 2000-US165	20000105
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6294192	B1	20010925	US 1999-258654	19990226
CA 2365536	AA	20000831	CA 2000-2365536	20000105
AU 2000022242	A5	20000914	AU 2000-22242	20000105
AU 771659	B2	20040401		
EP 1158959	A1	20011205	EP 2000-901394	20000105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002537317	T2	20021105	JP 2000-600619	20000105
NZ 513810	A	20040227	NZ 2000-513810	20000105
PRAI US 1999-258654	A	19990226		
WO 2000-US165	W	20000105		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:456858 CAPLUS

DN 133:94512

TI Improved formulation for topical non-invasive application in vivo

IN Cevc, Gregor

PA Idea Innovative Dermale Applikationen G.m.b.H., Germany

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000038653	A1	20000706	WO 1998-EP8421	19981223
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,				

NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
 UA, UG, US, UZ, VN, YU, ZW  
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,  
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2356080	AA	20000706	CA 1998-2356080	19981223
AU 9925137	A1	20000731	AU 1999-25137	19981223
AU 770803	B2	20040304		
EP 1140021	A1	20011010	EP 1998-966846	19981223
EP 1140021	B1	20040804		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO

BR 9816113	A	20011023	BR 1998-16113	19981223
JP 2002533379	T2	20021008	JP 2000-590607	19981223
EE 200100342	A	20021015	EE 2001-342	19981223
RU 2207844	C2	20030710	RU 2001-120008	19981223
AT 272391	E	20040815	AT 1998-966846	19981223
ES 2226203	T3	20050316	ES 1998-966846	19981223
HR 2001000309	A1	20020630	HR 2001-309	20010502
HR 20010309	B1	20050630		
NO 2001003164	A	20010822	NO 2001-3164	20010622
US 2002064524	A1	20020530	US 2001-887493	20010622
HK 1040629	A1	20050128	HK 2002-102230	20020323

PRAI WO 1998-EP8421 A 19981223

OS MARPAT 133:94512

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:259972 CAPLUS

DN 132:293042

TI Encapsulation of sensitive liquid components into a matrix to obtain  
 discrete shelf-stable particles

IN Van Lengerich, Bernhard H.

PA General Mills, Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000021504	A1	20000420	WO 1999-US20905	19991006
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,				
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2345815	AA	20000420	CA 1999-2345815	19991006
AU 9963872	A1	20000501	AU 1999-63872	19991006
AU 777977	B2	20041104		
EP 1119345	A1	20010801	EP 1999-951433	19991006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO				
JP 2002527375	T2	20020827	JP 2000-575480	19991006
PRAI US 1998-103700P	P	19981009		
US 1998-109696P	P	19981124		
US 1999-233443	A	19990120		
WO 1999-US20905	W	19991006		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:293427 CAPLUS

DN 129:8597

TI Embedding and encapsulation of controlled release particles

IN Van Lengerich, Bernhard H.

PA Van Lengerich, Bernhard H., USA

SO PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818610	A1	19980507	WO 1997-US18984	19971027
	W: AU, CA, JP, NO, PL, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2269806	AA	19980507	CA 1997-2269806	19971027
	CA 2269806	C	20060124		
	AU 9749915	A1	19980522	AU 1997-49915	19971027
	AU 744156	B2	20020214		
	EP 935523	A1	19990818	EP 1997-912825	19971027
	EP 935523	B1	20040929		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002511777	T2	20020416	JP 1998-520558	19971027
	EP 1342548	A1	20030910	EP 2003-10031	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 277739	E	20041015	AT 1997-912825	19971027
	NO 9902036	A	19990428	NO 1999-2036	19990428
PRAI	US 1996-29038P	P	19961028		
	US 1997-52717P	P	19970716		
	EP 1997-912825	A3	19971027		
	WO 1997-US18984	W	19971027		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1996:287517 CAPLUS

DN 125:25483

TI A rapid and simple screening test for potential inhibitors of tocopherol-mediated peroxidation of LDL lipids

AU Witting, Paul K.; Westerlund, Christer; Stocker, Roland

CS Biochemistry Unit, Heart Research Institute, Camperdown, NSW 2050, Australia

SO Journal of Lipid Research (1996), 37(4), 853-867

CODEN: JLPRAW; ISSN: 0022-2275

PB Lipid Research, Inc.

DT Journal

LA English

L12 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1995:614020 CAPLUS

DN 123:47849

TI Novel 21-aminosteroidlike compounds prevent iron-induced free radical-mediated injury to vascular endothelial cells

AU Pakala, Rajbabu; Pakala, Rajashree; Benedict, Claude R.

CS Dep. Internal Med., Univ. Texas Med. Sch., Houston, TX, USA

SO Journal of Cardiovascular Pharmacology (1995), 25(6), 871-9

CODEN: JCPCDT; ISSN: 0160-2446

PB Lippincott-Raven

DT Journal

LA English